

BC#6

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/914,619

DATE: 12/10/2001

TIME: 15:13:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\12102001\I914619.raw

ENTERED

3 <110> APPLICANT: Biomolecular Engineering Research Institute
 5 <120> TITLE OF INVENTION: Crystals and structural coordinates of protein complex and
 utilization of

6 the structural coordinates

8 <130> FILE REFERENCE: 2001-1229A/WMC/0177

10 <140> CURRENT APPLICATION NUMBER: 09/914,619

C--> 11 <141> CURRENT FILING DATE: 2001-08-31

13 <150> PRIOR APPLICATION NUMBER: JP 56905/1999

14 <151> PRIOR FILING DATE: 1999-03-04

16 <150> PRIOR APPLICATION NUMBER: 218691/1999

17 <151> PRIOR FILING DATE: 1999-08-02

19 <160> NUMBER OF SEQ ID NOS: 3

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 175

23 <212> TYPE: PRT

24 <213> ORGANISM: homo sapience

26 <400> SEQUENCE: 1

27 Met Thr Pro Leu Gly Pro Ala Ser Ser Leu Pro Gln Ser Phe Leu Leu

28 1 5 10 15

29 Lys Cys Leu Glu Gln Val Arg Lys Ile Gln Gly Asp Gly Ala Ala Leu

30 20 25 30

31 Gln Glu Lys Leu Cys Ala Thr Tyr Lys Leu Cys His Pro Glu Glu Leu

32 35 40 45

33 Val Leu Leu Gly His Ser Leu Gly Ile Pro Trp Ala Pro Leu Ser Ser

34 50 55 60

35 Cys Pro Ser Gln Ala Leu Gln Leu Ala Gly Cys Leu Ser Gln Leu His

36 65 70 75 80

37 Ser Gly Leu Phe Leu Tyr Gln Gly Leu Leu Gln Ala Leu Glu Gly Ile

38 85 90 95

39 Ser Pro Glu Leu Gly Pro Thr Leu Asp Thr Leu Gln Leu Asp Val Ala

40 100 105 110

41 Asp Phe Ala Thr Thr Ile Trp Gln Gln Met Glu Glu Leu Gly Met Ala

42 115 120 125

43 Pro Ala Leu Gln Pro Thr Gln Gly Ala Met Pro Ala Phe Ala Ser Ala

44 130 135 140

45 Phe Gln Arg Arg Ala Gly Gly Val Leu Val Ala Ser His Leu Gln Ser

46 145 150 155 160

47 Phe Leu Glu Val Ser Tyr Arg Val Leu Arg His Leu Ala Gln Pro

48 165 170 175

50 <210> SEQ ID NO: 2

51 <211> LENGTH: 215

52 <212> TYPE: PRT

53 <213> ORGANISM: mouse

55 <400> SEQUENCE: 2

56 Ala Gly Tyr Pro Pro Ala Ser Pro Ser Asn Leu Ser Cys Leu Met His

57 1 5 10 15

58 Leu Thr Thr Asn Ser Leu Val Cys Gln Trp Glu Pro Gly Pro Glu Thr

59 20 25 30

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60 His Leu Pro Thr Ser Phe Ile Leu Lys Ser Phe Arg Ser Arg Ala Asp
61      35      40      45
62 Cys Gln Tyr Gln Gly Asp Thr Ile Pro Asp Cys Val Ala Lys Lys Arg
63      50      55      60
64 Gln Asn Asn Cys Ser Ile Pro Arg Lys Asn Leu Leu Tyr Gln Tyr
65      65      70      75      80
66 Met Ala Ile Trp Val Gln Ala Glu Asn Met Leu Gly Ser Ser Glu Ser
67      85      90      95
68 Pro Lys Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro
69      100      105      110
70 Met Leu Gln Ala Leu Asp Ile Gly Pro Asp Val Val Ser His Gln Pro
71      115      120      125
72 Gly Cys Leu Trp Leu Ser Trp Lys Pro Trp Lys Pro Ser Glu Tyr Met
73      130      135      140
74 Glu Gln Glu Cys Glu Leu Arg Tyr Gln Pro Gln Leu Lys Gly Ala Asn
75      145      150      155      160
76 Trp Thr Leu Val Phe His Leu Pro Ser Ser Lys Asp Gln Phe Glu Leu
77      165      170      175
78 Cys Gly Leu His Gln Ala Pro Val Tyr Thr Leu Gln Met Arg Cys Ile
79      180      185      190
80 Arg Ser Ser Leu Pro Gly Phe Trp Ser Pro Trp Ser Pro Gly Leu Gln
81      195      200      205
82 Leu Arg Pro Thr Met Lys Ala
83      210      215
85 <210> SEQ ID NO: 3
86 <211> LENGTH: 215
87 <212> TYPE: PRT
88 <213> ORGANISM: homo sapience
90 <400> SEQUENCE: 3
91 Ala Gly Tyr Pro Pro Ala Ile Pro His Asn Leu Ser Cys Leu Met Asn
92 1      5      10      15
93 Leu Thr Thr Ser Ser Leu Ile Cys Gln Trp Glu Pro Gly Pro Glu Thr
94      20      25      30
95 His Leu Pro Thr Ser Phe Thr Leu Lys Ser Phe Lys Ser Arg Gly Asn
96      35      40      45
97 Cys Gln Thr Gln Gly Asp Ser Ile Leu Asp Cys Val Pro Lys Asp Gly
98      50      55      60
99 Gln Ser His Cys Cys Ile Pro Arg Lys His Leu Leu Leu Tyr Gln Asn
100 65      70      75      80
101 Met Gly Ile Trp Val Gln Ala Glu Asn Ala Leu Gly Thr Ser Met Ser
102      85      90      95
103 Pro Gln Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro
104      100      105      110
105 Met Leu Arg Thr Met Asp Pro Ser Pro Glu Ala Ala Pro Pro Gln Ala
106      115      120      125
107 Gly Cys Leu Gln Leu Cys Trp Glu Pro Trp Gln Pro Gly Leu His Ile
108      130      135      140
109 Asn Gln Lys Cys Glu Leu Arg His Lys Pro Gln Arg Gly Glu Ala Ser
110 145      150      155      160

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111	Trp	Ala	Leu	Val	Gly	Pro	Leu	Pro	Leu	Glu	Ala	Leu	Gln	Tyr	Glu	Leu
112				165						170					175	
113	Cys	Gly	Leu	Leu	Pro	Ala	Thr	Ala	Tyr	Thr	Leu	Gln	Ile	Arg	Cys	Ile
114				180						185					190	
115	Arg	Trp	Pro	Leu	Pro	Gly	His	Trp	Ser	Asp	Trp	Ser	Pro	Ser	Leu	Glu
116				195				200							205	
117	Leu	Arg	Thr	Thr	Glu	Arg	Ala									
118			210				215									

VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date